

Abstract of the Invention

A tracking system and method employing cellular network control channels. The system, leveraging existing Roamer Record Exchange Systems (RRES), comprises a cellular transceiver installed in a tracking target and a central server for paging the installed cellular transceiver to enter into a tracking mode over a cellular network control channel and collecting tracking mode information provided through RRES to map information such as Cell Site ID and Sector for use as reference points for the tracking of the tracking target. The method, leveraging existing Roamer Record Exchange Systems (RRES), includes the steps of installing a cellular transceiver in a tracking target, and paging the installed cellular transceiver over a cellular network control channel to enter into a tracking mode to identify, from information provided through the RRES, one or more cell sites located near the tracking target so as to enable the tracking of the tracking target.